



**ROSCOMMOM
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 107 ENTRY YEAR: 2004

Compartment Acreage: 1168 County: Roscommon

Revision Date: 10/15/2002

Stand Examiner: Glenn Taurence

Legal Description: T22N R3W Sections 17, 18, 19, 20, & 21

Management Goals: Maintain forest health, productivity, sustainability, species diversification and structural diversity of the resources while providing for multiple uses for the land.

Soil and Topography: Rubicon sands and Ottawa loamy sands. The land is generally level within the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Mostly private ownership with many businesses and subdivision. It appears that further development of the private property will continue in the future. The property where Denton Township waste water treatment facility is located was deeded to Denton Township in 1991. Denton Township in the past has requested the remaining State land in the south $\frac{3}{4}$ of Section 21 for expansion of their facility.

Unique, Natural Features: Noted Dry Woodland on Endangered species list.

Archeological, Historical, and Cultural: Old farm foundation located in this compartment.

Special Management Designations or Considerations: Section 20 has a snowmobile trail running through it.

Watershed and Fisheries Considerations: None.

Wildlife Habitat Considerations: There are no openings maintained in this compartment.

Mineral Resource and Development Concerns and/or Restrictions: There is no oil or gas development/activity in the compartment.

Vehicle Access: Access is very good via good county roads. There are numerous two track-trails that traverse through the compartment. Existing access is adequate for current needs; no new roads needed for logging activities.

Survey Needs: None.

Recreational Facilities and Opportunities: There is low level recreational use of this compartment. Hunting and some walking trails frequented by citizens in adjacent subdivision are the main activities.

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Fire Protection: The compartment consists of mostly of aspen and oak woodlands. Numerous roads bisect the area. The tow-track trail roads within the compartment are flat and accessible.

Additional Compartment Information: None

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 107

Table 3

COVER TYPE	(acres shown in boxes)																		Total
	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	
Aspen		79	278		2	12			33	5									409
Grass	30																		30
Jack Pine		20			1														21
Lowlnd Brush	15																		15
Marsh	5																		5
Mx Swmp Cnfr										51									51
Oak					13				192	352	15	18							590
Red Pine					2							10							12
Spruce Fir					1														1
Swamp Hrdwds							2												2
Upland Brush				9															9
White Pine					5							13							18
Total	50	99	278	9	24	12	2		225	408	15	41							1163

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: 107

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	409																										409
G Grass					30																						30
J Jack Pine							21																				21
L Lowlnd Brush									15																		15
N Marsh											5																5
Q Mx Swmp Cnfr												51															51
O Oak	17													573													590
R Red Pine																12											12
F Spruce Fir																			1								1
E Swamp Hrdwds																				2							2
U Upland Brush																								9			9
W White Pine														8												10	18
Total	426				30		21		15		5	51		581		12			1	2				9		10	1163

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

ROSCOMMON COUNTY

COMPARTMENT: **107****Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	3887 Cds	Hardwood	1195 Cds
Hardwood	2811 Mbf	Hardwood	1089 Mbf
Softwood	1432 Cds	Softwood	226 Cds
Softwood	571 Mbf	Softwood	373 Mbf
Sum TotVol	12083 Cds	Sum CutVol	4345 Cds
Total Cmpt Acres		Acres Proposed For Cut..... 202	
1157		Acres Meeting Silv Criteria..... 498	
		Acres Not Meeting Silv Criteria..... 665	
Acres Unable to Determine Silv Criteria For.....			

ROSCOMMON FOREST MGT UNIT
**Proposed Treatments
With NO Limiting Factors**
Compartment: 107 Entry Year: 2004

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
11	O9	36	83	55	oak	mature	final harvest	1		
comnts Fmd : OAK SITE IS VARIABLE, AVERAGE AROUND 55. WHITE PINE UNDERSTORY NOT WORTH ESTABLISHING; CLEARCUT, HOWEVER LEAVE GOOD FORM WHITE OAKS. OAK WILT CLAUSE REQUIRED IN THE CONTRACT.										
12	O9	61	82	55	oak	mature	final harvest	1		
comnts Fmd : MOSTLY PIN OAK; HIGH CULL; RED PINE SAWLOGS WITH WHITE PINE PULPWOOD AS A COMPONENT OF STAND; LOTS OF OAK REPRODUCTION UNDER FERNS. CLEARCUT ALL SPECIES. OAK WILT CLAUSE REQUIRED IN CONTRACT.										
14	W9	8	102	70	oak	mature	final harvest	1		
16	O9	15	95	50	oak	mature	final harvest	1		
comnts Fmd : 4 inch rule for oak, nice reproduction around in places; save all white oak. Oak wilt clause required in contract.										
18	O9	13	82	55	oak	mature	shelterwood-seed	1		
comnts Fmd : GROUP SELECTION IN THIS STAND; PROMOTE BOTH WHITE PINE AND OAK; FAVOR AREAS WITH OAK AND PINE REGENERATION THAT IS PRESENT; MARK TREES IN GROUPS FOR BEST RESULTS TO CREATE LARGE OPENINGS OF 1/4 TO 1/2 ACRE SIZE; SOME AREAS ARE BEST LEFT ALONE THAT CONTAIN THRIFTY POLE SIZE WHITE PINE. MANY LARGE CROWN OAK IN STAND. STAND IS A O9 W3 O2 TYPE; VARIABLE STAND. ASPEN PRESENT, MARK ONLY IF NECESSARY. Oak wilt clause required in cutting contractgt 10/02										
20	O9	20	76	54	oak	mature	shelterwood-seed	1		
comnts Fmd : NOT AS MUCH REGENERATION AS IN STAND 18. DO A GROUP SELECTION CUTTING BY REMOVING LARGE CROWN OVERMATURE OAK; MAKE 1/ TO 1/2 ACRE OPENINGS WHEN POSSIBLE TO PROMOTE REPRODUCTION; WATCH OUT FOR DEN TREES. OAK WILT CLAUSE REQUIRED IN CONTRACT. gt 10/02										
23	O9	11	78	60	oak	mature	final harvest	1		
comnts Fmd : SAVE GOOD FORM WHITE OAK AND DEN TREES; SAVE THRIFTY WHITE PINE POLES. OAK WILT CLAUSE REQUIRED BY THE CUTTING CONTRACT.										
25	O9	17	81	65	aspen (upland)	mature	final harvest	1		
comnts Fmd : NICE SITE; DO NOT TNIN; PRIVATE PROPERTY ACROSS EMERY ROAD DID A THINNING IN THE SAME TYPE OF A STAND AND RESULTED IN A RED MAPLE UNDERSTORY WITH NO OAK REGENERATION; ALL ASPEN SHADED OUT. CLEARCUT BEST MANAGEMENT. OAK WILT CLAUSE REQUIRED FOR CUTTING CONTRACT. SAVE GOOD FORM WHITE OAK										
48	O9	5	72	58	oak	mature	shelterwood-seed	1		
comnts Fmd : ADJACENT TO DENTON TOWNSHIP CEMETERY AND SUBDIVISION. DO NOT CUT ADVANCE REPRODUCTION-USE AS A VISUAL SCREEN FOR SALE. DO A GROUP SELECTION TYPE OF CUTTING TO PROMOTE ASPEN, OAK AND WHITE PINE REGENERATION ; PROMOTE ESTABLISHED CROP TREES AS WELL . OAK WILT CLAUSE REQUIRED IN CONTRACT. gt 10/02										
53	A9	5	82	65	aspen (upland)	mature	final harvest	1		
comnts Fmd : BUFFER STRIP LEFT LAST ENTRY; BECOMING A PROBLEM NOW; HOMEOWNERS TAKING OVER STATE PROPERTY WITH JUNK PILES. CUT NEEDED TO ESTABLISH BOUNDARY OF STATE LAND. CUT ALL TREES; OAK WILT CLAUSE REQUIRED FOR THE CUTTING OF THIS UNIT.										
80	O9	6	76	57	oak	mature	selection	1		
comnts Fmd : SITE VARIES; MIX OF RED OAK AND PIN OAK; NICE DEN TREES IN THE STAND; DO A SELECTION CUTTING WITH INTENTIONS OF OPENING UP AREAS FOR REGENERATION. I RECOMMEND MARKING TO LEAVE. OAK WILT CLAUSE REQUIRED IN CONTRACT.gt 10/02										
81	O9	5	72	55	oak	mature	final harvest	1		
comnts Fmd : STAND SHOULD RETURN TO A MIX OF OAK AND ASPEN; SAVE ALL THRIFTY WHITE PINE POLE SIZE TREES AND SAVE ALL WHITE OAK. MANAGE FOR WHITE PINE AND OAK. OAK WILT CLAUSE REQUIRED IN CONTRACT.										
Total Acres.....		202								

**Proposed Treatments
With Limiting Factors**

Compartment: 107 **Entry Year: 2004**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
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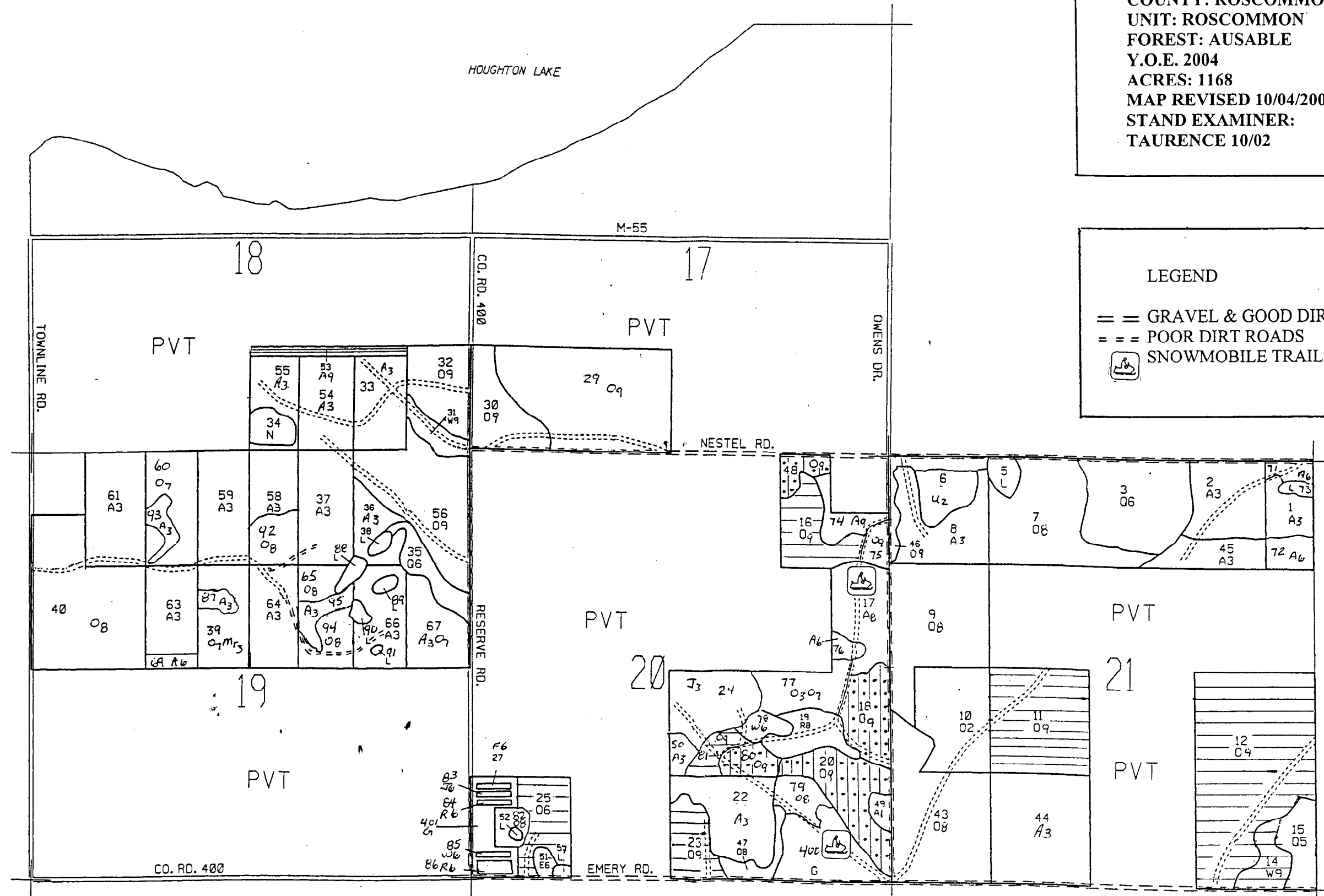
TREATMENT LIMITING FACTORS:

Total Acres..... 0

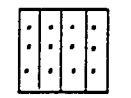
COMPARTMENT 107
T22N R3W SEC. 17,18,19,20 & 21
COUNTY: ROSCOMMON
UNIT: ROSCOMMON
FOREST: AUSABLE
Y.O.E. 2004
ACRES: 1168
MAP REVISED 10/04/2002
STAND EXAMINER:
TAURENCE 10/02

LEGEND

- == GRAVEL & GOOD DIRT ROADS
- === POOR DIRT ROADS
-  SNOWMOBILE TRAIL



Final Harvest



Shelterwood-Seed



1/4 MILE 1/2 MILE 3/4 MILE 1 MILE